Claims

1. A method for managing data in a system comprising at least one community, at least one community system comprising at least one database and at least one application, at least one service assembly point (SAP) comprising at least one database, means for communication between a community system and a service assembly point, and at least one user of service assembly point, **characterized** in that

- at least one service assembly point is a member of at least one community,
- the users can be members in a community with different profiles,
- and the users may use applications of a community according to said profiles.

2. A method according to claim 1, **characterized** in that the service assembly points have identity information, and the identity information is used for selecting services of the community for the user of the service assembly point.

3. A method according to claim 2, **characterized** in that identity information is maintained in an Identity Server and received from the Identity Server.

4. A method according to claim 2, **characterized** in that the identity information is maintained in a Service Assembly Point.

5. A method according to claim 1, **characterized** in that place information and/or time information is used for determining user's services in the community.

6. A method according to claim 1, **characterized** in that the information on rights of use in a community is based on a published profile of the user in the community.

7. A method according to claim 6, **characterized** in that the service classification is maintained in a Community Server.

8. A method according to claim 6, **characterized** in that the user's profile information is maintained in an Identity Server.

9. A method according to claim 1, **characterized** in that the assembling a service list from a community server to be used in a service assembly point comprises at least one of the following steps:

- it is checked that the Service Assembly Point has the most recent version of the user identity data,

- the Identity Database Replica of the user identity data is synchronized with the Identity Database Master that runs in the Identity Server,

- the Service Assembly Point establishes a connection with the Community Server's master database and creates a local replica of the database to the SAP, and

- the Service Assembly Point publishes user's preference and terminal property data to the Community Server and invokes the service matchmaking process in the Community Server.

10. A method according to claim 1, **characterized** in that total services of a community are provided in a community server.

11. A method according to claim 1, **characterized** in that the parts of the SAP database is at least in part a replica of parts of the community system database.

12. A method according to claim 11, **characterized** in that said parts of the SAP database and said parts of a community server database are synchronized.

13. A method according to claim 1, **characterized** in that the method is complient with at least one of the following communication specifications: TCP/IP, CDMA, GSM, GPRS, WCDMA, UMTS, Teldesic, Iridium, Inmarsat, WLAN and imode.

14. A method according to claim 1, **characterized** in that at least one of the following operating systems is used in the service assembly point: Unix, MS-windows, EPOC, NT, MSCE, Linux, PalmOS and GEOS.

15. A method according to claim 1, **characterized** in that at least one of the following operating systems is used in the SAP: Unix, MS-windows, and Linux.

16. A storage media comprising a stored, readable computer program, **characterized** in that the program comprises instructions for controlling a data management system or components thereof to implement a method according to claim 1.

17. A data management system comprising at least one community, at least one community system, comprising at least one database and at least one application, at least one service assembly point (SAP) comprising at least one database, and means for communication between a community system and the service assembly point, and at least one user of service assembly point, **characterized** in that

- at least one service assembly point is a member of at least one community,
- the users of the SAPs can be members in a community with different profiles,
- and the users of the SAPs may use applications of a community according to said profiles.

18. A system according to claim 17, **characterized** in that the service assembly points have identity information, and the identity information is used for selecting services of the community for the user of the service assembly point.

19. A system according to claim 18, **characterized** in that it comprises an Identity Server that comprises means for maintaining identity information.

20. A system according to claim 18, **characterized** in that the Service Assembly Point comprises means for maintaining the identity information.

21. A system according to claim 17, **characterized** in that it comprises means for selecting services from the community on the basis of place information and/or time information.

22. A system according to claim 17, **characterized** in that it comprises means for providing the rights of use in a community based on the published profile of the user in said community.

23. A system according to claim 22, **characterized** in that the Community Server comprises means for maintaining said service classification information.

24. A system according to claim 22, **characterized** in that the Identity Server comprises means for maintaining said profile information.

25. A system according to claim 17, **characterized** in that the Community Server comprises means for providing a list of total services of a community.

26. A system according to claim 17, **characterized** in that the parts of the SAP database is at least in part a replica of parts of the community system database.

27. A system according to claim 26, **characterized** in that it comprises means for synchronizing said parts of the SAP database and said parts of a community server database.

28. A system according to claim 17, **characterized** in that the system is complient with at least one of the following communication specifications: TCP/IP,

CDMA, GSM, GPRS, WCDMA, UMTS, Teldesic, iridium, Inmarsat, WLAN and imode.

29. A system according to claim 17, **characterized** in that the service assembly point is a combination of a mobile station and a computer.

30. A system according to claim 17, **characterized** in that the service assembly point has at least one of the following operating systems: Unix, MS-windows, EPOC, NT, MSCE, Linux, PalmOS and GEOS.

31. A system according to claim 17, **characterized** in that the community server and/or the identity server has at least one of the following operating systems: Unix, MS-windows, NT and Linux.

33. A community server for a data management system, the community server comprising at least one community, at least one database, at least one application, and means for communication between the community system and a service assembly point (SAP) of the data management system, **characterized** in that the community server comprises
- means for joining service assembly points into communities,
- means for providing users of the SAPs that are members in a community with different rights of use,
- means for allowing the users of the SAPs to use applications of a community according to said rights of use.

34. A community server according to claim 33, **characterized** in that it comprises means for providing the rights of use in a community based on a published profile of the user in said community.

35. A community server according to claim 33, **characterized** in that said community server comprises means for maintaining said service classification information.

36. A community server according to claim 33, **characterized** in that it comprises means for providing a service assembly point database a replica of parts of the community system database.

37. A community server according to claim 36, **characterized** in that it comprises means for synchronizing said replicas of the service assembly point database with said parts of the community server database.